

## **TRAFFIC ENGINEER**

### **GENERAL RESPONSIBILITIES**

Manages and performs traffic engineering functions for the County in accordance with Federal, State and local laws.

**ESSENTIAL TASKS** include the following; other duties may be assigned.

1. Perform engineering studies
2. Review traffic impact studies
3. Prepare and review alterations and modifications of streets and roadways to improve traffic/pedestrian flow and safety
4. Manage traffic signal design review, construction inspections, operations and maintenance
5. Evaluate traffic calming programs and concerns
6. Review capital improvement plans for adequate traffic control devices
7. Provide direction to Department of Public Works employees relating to traffic control devices
8. Represent County at public hearings, meetings, court proceedings involving traffic and transportation issues
9. Investigate complaints and requests regarding traffic control issues and communicates resolution/action
10. Prepare budget and supply requests
11. Evaluate new procedures, processes, and equipment
12. Report to work outside of normal work hours for emergency operations, as needed
13. Perform related duties as to specific assignments
14. Any employee may be identified as Essential Personnel during emergency situations
15. Provide service to customers by answering questions, providing information, making referrals and assuring appropriate follow-through and/or resolution
16. Communicate with managers, supervisors, co-workers, citizens, and others, maintains confidentiality; and represents the County

### **EDUCATION AND EXPERIENCE**

1. Bachelor's degree in Civil Engineering or related field
2. Four years traffic engineering experience \*

\* A comparable amount of training and experience may be substituted for the minimum qualifications.

### **KNOWLEDGE, SKILLS AND ABILITIES**

1. Follow OSHA, MOSH and County safety rules and regulations
2. Read, analyze, and interpret public works information and policies such as Uniform Traffic Control Devices Manual
3. Respond to inquiries or complaints from employees, citizens, members of the business community, or regulatory agencies
4. Write reports, correspondence, procedures and other required documentation
5. Define problems, collect data, establish facts and draw valid conclusions

6. Apply mathematical concepts such as basic geometry, algebra, and trigonometry
7. Operate two way radio
8. Use computer programs and/or software applications

## **CERTIFICATES, LICENSES, REGISTRATIONS**

1. Valid driver's license
2. State of Maryland Professional Engineer Registration preferred